

IEC

IECEE



TM

Ref. Certif. No.

CN55578

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT
(IECEE) CB SCHEME

CB TEST CERTIFICATE

Product

Molded Case Circuit Breaker (MCCB)

Name and address of the applicant

Zhejiang Tengen Smart Electrics Co.,Ltd.
No.2777 West Zhongshan Road, Xiuzhou District, Jiaxing,
Zhejiang Province, P.R.China

Name and address of the manufacturer

Zhejiang Tengen Smart Electrics Co.,Ltd.
No.2777 West Zhongshan Road, Xiuzhou District, Jiaxing,
Zhejiang Province, P.R.China

Name and address of the factory

Zhejiang Tengen Smart Electrics Co.,Ltd.
No.2777 West Zhongshan Road, Xiuzhou District, Jiaxing,
Zhejiang Province, P.R.China

Note: When more than one factory, please report on page 2

Ratings and principal characteristics

See the attachment

Trademark / Brand (if any)

/

Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

TGM1NE-250M,TGM1NE-250H,TGMKE-250M,TGMKE-250H,TG
MGE-250M,TGMGE-250H,TGMHE-250M,TGMHE-250H;TGM1NE
-320M,TGM1NE-320H,TGMKE-320M,TGMKE-320H,TGMGE-320
M,TGMGE-320H,TGMHE-320M,TGMHE-320HAdditional information (if necessary may also be
reported on page 2)A sample of the product was tested and found
to be in conformity with

IEC 60947-2:2016/AMD1:2019; IEC 60947-2:2016

As shown in the Test Report Ref. No. which
forms part of this Certificate

(2021)FQIIDQ-0769

This CB Test Certificate is issued by the National Certification Body

CHINA QUALITY CERTIFICATION CENTRE

Section 9, No. 188 Nansihuan Xilu, Beijing 100070 P. R. China

Tel: +86-10-83886666 Fax: +86-10-83886282

website: <http://www.cqc.com.cn>

Date: Dec.16,2021

Signature:

谢肇煦

Xie ZhaoXu

CB 0066051

TGM1NE-250M,TGM1NE-250H,TGMKE-250M,TGMKE-250H,
TGMGE-250M,TGMGE-250H,TGMHE-250M,TGMHE-250H;
TGM1NE-320M,TGM1NE-320H,TGMKE-320M,TGMKE-320H,
TGMGE-320M,TGMGE-320H,TGMHE-320M,TGMHE-320H

Uimp:8kV;Ui:1000V;Ue:AC380/400/415V,AC500/550V,

AC660/690V;50/60Hz;Type of over-current release: Electronic;

TGM1NE-250M,TGM1NE-250H,TGMKE-250M,TGMKE-250H,
TGMGE-250M,TGMGE-250H,TGMHE-250M,TGMHE-250H:

In:200A(Ir:80A-200A adjustable+OFF),250A(Ir:100A-250A adjustable+OFF);

Type M:

Ics:50kA,Icu:50 kA,Icw:3 kA /1s(AC380/400/415V),

Ics:30kA,Icu:30 kA,Icw:3 kA /1s(AC500/550V),

Ics:10kA,Icu:10 kA,Icw:3 kA /1s(AC660/690V);

Type H:

Ics:50kA,Icu:85 kA,Icw:3 kA /1s(AC380/400/415V),

Ics:40kA,Icu:40 kA,Icw:3 kA /1s(AC500/550V),

Ics:10kA,Icu:20 kA,Icw:3 kA /1s(AC660/690V);

TGM1NE-320M,TGM1NE-320H,TGMKE-320M,TGMKE-320H,
TGMGE-320M,TGMGE-320H,TGMHE-320M,TGMHE-320H:

In:200A(Ir:80A-200A adjustable+OFF),250A(Ir:100A-250A adjustable+OFF),320A(Ir:125A-320A adjustable+OFF)

Type M:

Ics:50kA,Icu:50 kA,Icw:4 kA /1s(AC380/400/415V),

Ics:30kA,Icu:30 kA,Icw:4 kA /1s(AC500/550V),

Ics:10kA,Icu:10 kA,Icw:4 kA /1s(AC660/690V);

Type H:

Ics:50kA,Icu:85 kA,Icw:4 kA /1s(AC380/400/415V),

Ics:40kA,Icu:40 kA,Icw:4 kA /1s(AC500/550V),

Ics:10kA,Icu:20 kA,Icw:4 kA /1s(AC660/690V);

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Additional information (if necessary)

Date: Dec.16,2021

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谢肇煦

Xie ZhaoXu

Selectivity category:A;

3P,

3P+N(3 protected poles with an uninterrupted neutral pole),

4P(3 protected poles with a switched neutral pole),

4P;

3P 4P: suitable for isolation; 3P+N: not suitable for isolation;

Electronic accessory complying with annex N:

Motor-operators: Uimp:4kV;Ui:690V;

Us:AC220/230/240V,AC380/400/415V,50/60Hz;

Shunt release with prepayment:Uimp:4kV;Ui:690V;

Us: AC220/230/240V,50/60Hz;

Undervoltage release: Uimp:4kV;Ui:800V;

Us:AC220/230/240V,AC380/400/415V,50/60Hz;

Electronic shunt alarm accessory:Uimp:4kV;Ui:690V

Us:AC220/230/240V,AC380/400/415V,50/60Hz;DC24V

Overload alarm no trip accessory:

Us:AC220/230/240V,AC380/400/415V,50/60Hz;DC24V

Shunt release: Uimp:4kV;Ui:690V;

Us:AC380/400/415V,AC220/230/240V,50/60Hz;DC220V,DC110V,DC24V.

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Additional information (if necessary)

Date: Dec.16,2021

Signature:

谢肇煦
Xie ZhaoXu